

National Drug Abuse Treatment Clinical Trials Network



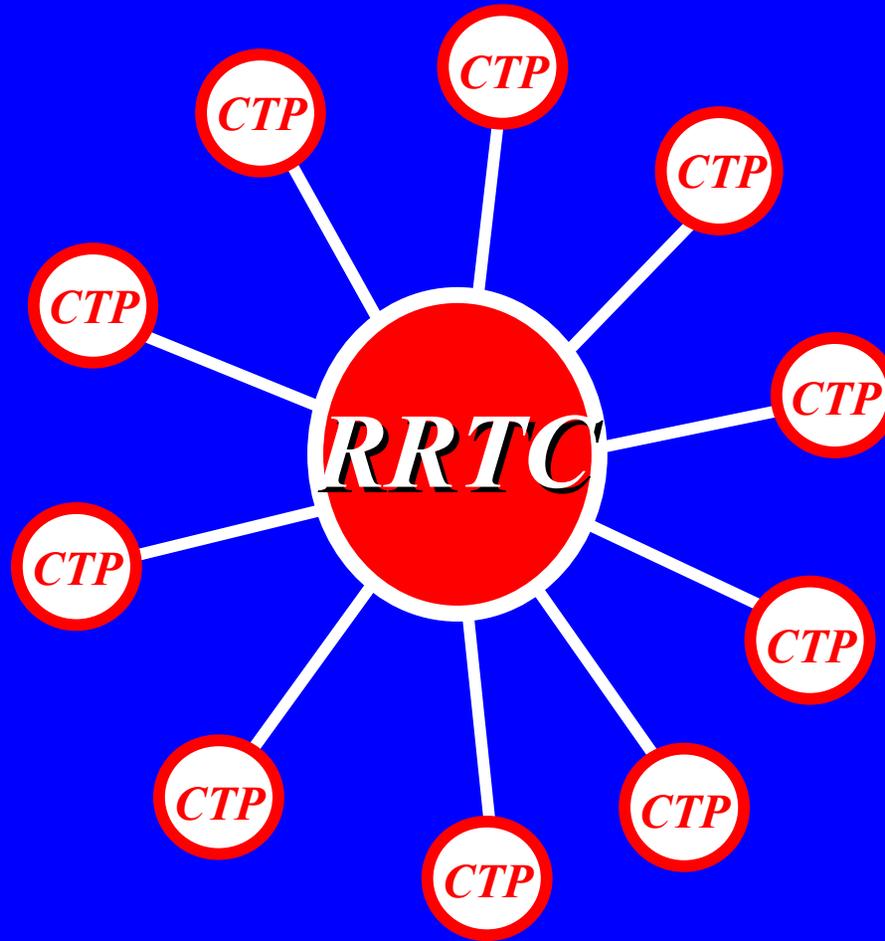
Why Blend?

March 14, 2002

Betty Tai, Ph.D.

What is CTN?

National Drug Abuse Treatment Clinical Trials Network Node



*RRTC -- Regional Research and Training Center
CTP -- Community-Based Treatment Program*

National Drug Abuse Treatment Clinical Trials Network

Pacific Northwest Node
University of Washington

Northwest Node
Oregon Health
Sciences University

Rocky Mountain Node
University of Colorado
Health Sciences Center

Pacific Node
UCLA

Great Lakes Regional Node
Wayne State University

Ohio Valley Node
University of Cincinnati

Delaware Valley Node
University of PA

North Carolina Node
Duke University

NYC East Side Node
NY University/NY VA Med Ctr

New England Node
Yale University

Long-Island Regional Node
NY State Psych Inst

Mid-Atlantic Node
Johns Hopkins University
Medical College of VA

Southeastern Node
Medical University of
South Carolina

Florida Node
University of Miami

14 Research Centers
working in partnership with over
90 Community Treatment Providers

**The CTN Is Enabling Us To Test
Promising Treatment Strategies in
Diverse *Treatment Settings and*
Diverse *Patient Populations***

Why CTN?

CTN's Mission

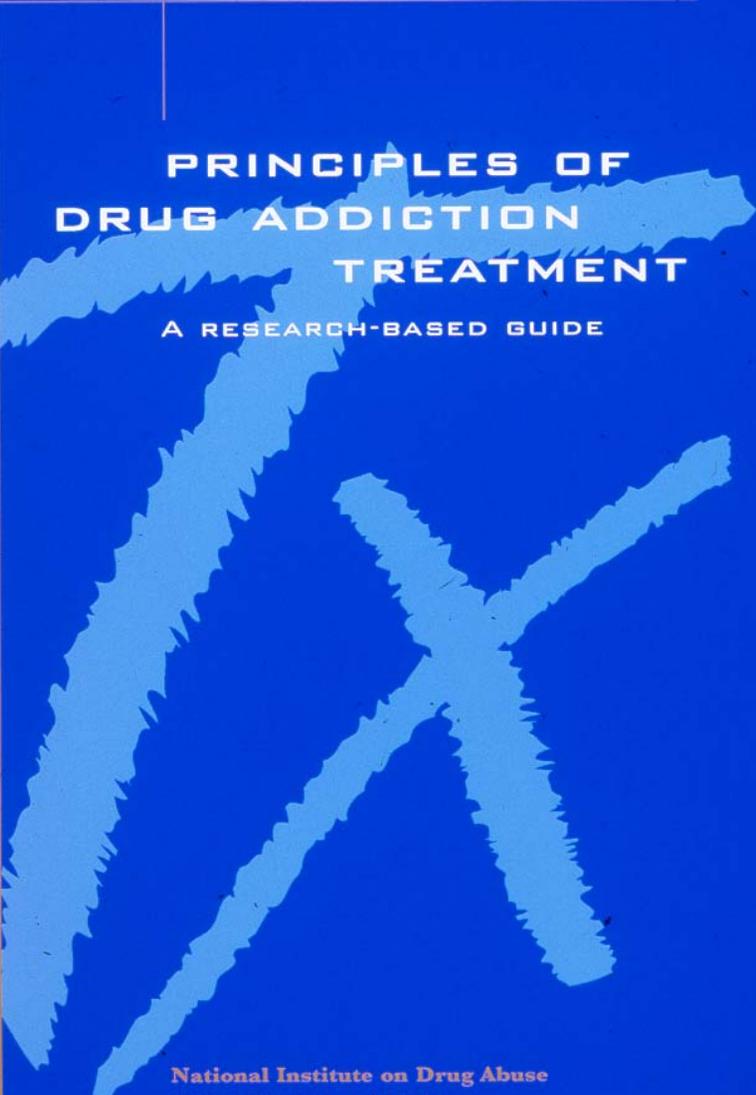
***To Improve Drug Abuse Treatment
Throughout the Nation...***

Using SCIENCE as the Vehicle

**Science Has Been Teaching Us A Lot
About Drug Abuse and Addiction**

....And What to Do About Them

*Through Basic Research,
We've Identified Some of the
Fundamental Principles
that are Important
for Drug Abuse Treatment*



**PRINCIPLES OF
DRUG ADDICTION
TREATMENT**

A RESEARCH-BASED GUIDE

National Institute on Drug Abuse
National Institutes of Health

**Science Has Taught Us that
Addiction is a Chronic,
Relapsing, Treatable Disorder**

**To Reap Any Benefit from the
Knowledge We've Gained
Through Science
It Needs To Be *Used* In Practice**



*How Can We Effectively
Translate Clinical Research
Results into Practice?*

Blending

RESEARCH and **PRACTICE**

Is How It Actually Occurs!

*Science-Based Technologies
Get Brought Into Ongoing Practice*

*CTN Is Equipped to
Accomplish This!*



So....got any
good blending
recipes to
suggest?

So,

What's Happening in the CTN?

CTN Protocol Menu -2002

Project #	Protocol Title	LI
CTN 0001	Bup/Nal vs Clonidine for Inpatient Opiate Detox	Ling
CTN 0002	Bup/Nal vs Clonidine for Outpatient Opiate Detox	Ling
CTN 0003	Bup/Nal: Comparison of Three Taper Schedules for Opiate Detox	Amass
CTN 0004	MET (Motivational Enhancement Treatment) To Improve Tx Engagement and Outcome in Subjects Seeking Treatment for Substance Abuse	Carroll
CTN 0005	MI (Motivational Interviewing) To Improve Tx Engagement and Outcome in Subjects Seeking Treatment for Substance Abuse	Carroll
CTN	MET or MI: Spanish version	Carroll
CTN 0006	Motivational Incentives for Enhanced Drug Abuse Recovery: Methadone Clinics	Stitzer
CTN 0007	Motivational Incentives for Enhanced Drug Abuse Recovery: Drug Free Clinics	Stitzer
CTN 0008	Baseline Survey: Characteristics Of and Practices Among Community-Based Providers	Greenlick
CTN 0009	Smoking Cessation Treatment With Transdermal Nicotine Replacement Therapy in Substance Abuse Rehabilitation Program	Reid
CTN 0010	Bup/Nal in the Treatment of Adolescent and Young Adult Heroin Addicts	Woody
CTN 0011	Telephone Enhancement of Long-Term Engagement	Rawson
CTN 0012	Infections Screening in Substance Abuse Treatment Programs	Brown
CTN 0013	Motivational Interviewing for Pregnant Women Seeking Substance Abuse Treatment	Winhusen
CTN	Gender-Specific Intervention To Reduce HIV Risk Behavior in Drug Abuse Treatment	Tross
CTN	Women's Treatment for Substance Use Disorders and Trauma in Inpatient Rehabilitation and Intensive Outpatient Settings	Hien
CTN	Brief Strategic Family Therapy for Adolescent Drug Abusers	Szapocznik
CTN	Performance Monitoring and Feedback to counselors to improve drug abuse treatment outcome	Forman
CTN	Job Seekers Training for Clients with Drug Dependence	Svikis
CTN	HIV Intervention in Drug Treatment Settings	Booth

Status of Current Protocols > 1000 Patients Enrolled

Protocol NIDA- CTN-	Short Title	Screened	Randomized	Total
0001	Bup Inpt	151	107	360
0002	Bup Outpt	277	232	360
0004	MET	134	102	600
0005	MI	357	299	500
0006	Inctv. D/Free	298	120	400
0007	Inctv. Meth	590	176	400

Since January 2001, 40+ participating CTPs

What's the Greatest Challenge for CTN?

Conduct Clinical Trials in Real Life Settings!!!

Why?

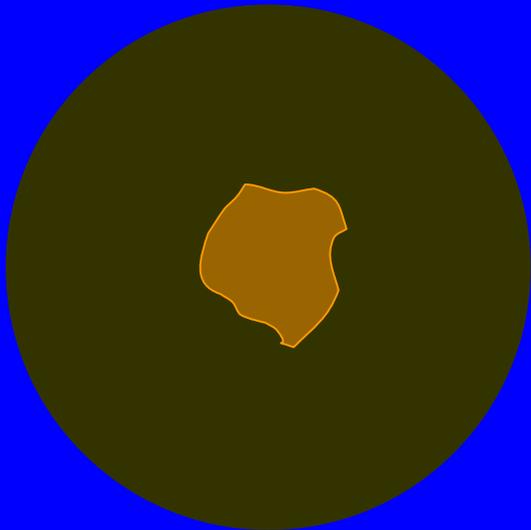
What is Real Life Setting ?

Its the “Noise”!

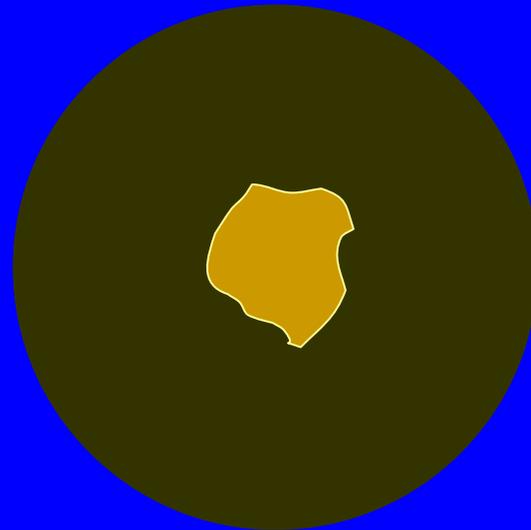
- **Noises are factors affect the testing interventions:**
 - e.g. *Co-morbidity, treatment settings, attitudes and training of clinicians, financing, family, friends, patients’ and clinicians’ life stress, personalities, motivations, perceptions, culture/ethnicity, gender, socioeconomic status.*
- *Hohmann & Shear, AJP 2/2002*

Research Setting vs Real Life Setting

**Chocolate-Coated
Nut A**



**Chocolate-Coated
Nut B**



Research Setting
vs
Real Life Setting

Hypothesis:

Nut A

(not chocolate-coated Nut A)

Is sweeter than

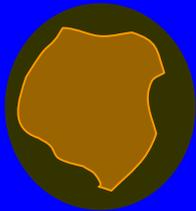
Nut B

(not chocolate-coated Nut B)

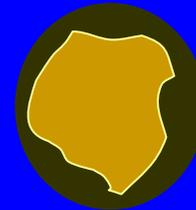
Research Setting

Scrape off the chocolate coating as much as possible and compare

Nut A



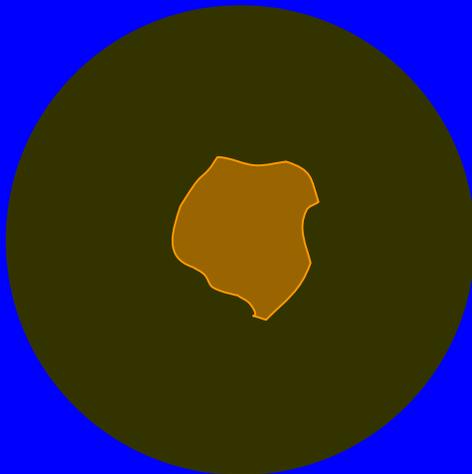
Nut B



Real Life Setting

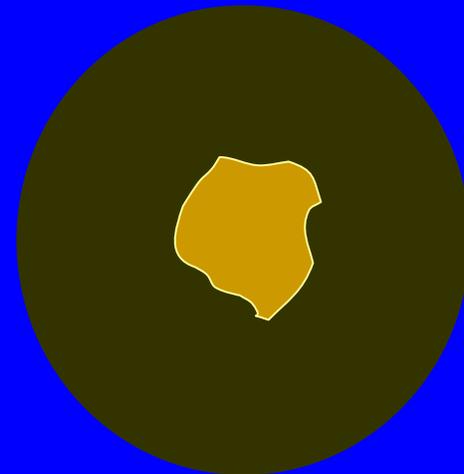
Can only scrape off a little of
the chocolate coating

**Chocolate-Coated
Nut A**



?

**Chocolate-Coated
Nut B**



So,

How can we tell if nut A is sweeter than nut B when the chocolate coatings mask the taste?

Solutions!

Blend Research and Practice

Practitioners must help researchers to understand and appreciate these real life setting “Noises”, so that the study design addresses and accommodates these “Noises” to enable us to get a scientifically valid answer.



That is why
we must keep
on blending!

CTN Web

www.nida.nih.gov/CTN/Index.htm

The screenshot shows a Netscape browser window displaying the National Drug Abuse Treatment Clinical Trials Network (CTN) home page. The browser's address bar shows the URL <http://www.nida.nih.gov/CTN/Index.htm>. The page header features the NIDA logo (National Institute on Drug Abuse) and a search bar. The main content area is titled "National Drug Abuse Treatment Clinical Trials Network" and includes a navigation menu with links to "About the CTN", "Community Treatment Programs (CTPs)", "Research Studies", "Public Information", "Member Services", "Other Links", and "Site Map". A graphic of a network of nodes is shown on the left, and a quote on the right reads: "Forging partnerships to improve the quality of drug abuse treatment throughout the nation." The footer contains a search bar and a list of links: Search | NIDA Site Map | Help | NIDA Home | Privacy Policy | FOIA | Employment | Intranet. A paragraph of text describes NIDA as part of the National Institutes of Health (NIH) and provides contact information. The browser's taskbar at the bottom shows the Start button and several open applications, including "Inbox - Microso...", "Naional Dru...", "WGMS Live Au...", "WGMS - Wind...", and "CTN Update 2...". The system clock shows 11:51 AM.

Naional Drug Abuse Treatment Clinical Trials Network Home Page - Netscape

File Edit View Go Communicator Help

Back Forward Reload Home Search Netscape Print Security Shop Stop

Location: <http://www.nida.nih.gov/CTN/Index.htm>

Instant Message Members WebMail Connections BizJournal SmartUpdate Mktplace RealPlayer WGMS Live Audio SUNSET RADIO -

NIDA NATIONAL INSTITUTE ON DRUG ABUSE

Search

*National Drug Abuse Treatment
Clinical Trials Network*

About the CTN
Community Treatment Programs (CTPs)
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Public Information
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Other Links
Site Map

Forging partnerships to improve the quality of drug abuse treatment throughout the nation.

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The National Institute on Drug Abuse (NIDA) is part of the [National Institutes of Health \(NIH\)](#), the principal biomedical and behavioral research agency of the U.S. Government. The NIH is a component of the [U.S. Department of Health and Human Services](#). NIDA; NIH; 6001 Executive Boulevard, Room 5213; Bethesda, Maryland 20892-9651; U.S.A. 301-443-1124. For additional information, please send e-mail to Information@lists.nida.nih.gov. Last updated on Thursday, February 1, 2001.

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